

ABSTRACT

A nut member 5 for moving forward and rearward by rotating a feed screw 4 by a stepping motor 28 and a transfer table 7 for transferring a workpiece W are elastically connected by a spring means 24 in transferring of the workpiece to thereby allow the nut member 5 to overrun by flection of the spring means 24, to allow the stepping motor 28 to rotate excessively in a cushioned manner, and to obtain a thrust for pushing the workpiece against an object after the transfer table 7 reaches the transfer end of the workpiece.